

19980213.ba v01\_n919.bam.980213 v01\_n920.bam.980213

>From ???@??? Sat Feb 14 00:49:24 1998  
Message-Id: <199802130642.AAA23841@sco.theporch.com>  
Date: Fri, 13 Feb 1998 00:42:27 CST  
Subject: BOATANCHORS digest 1919

# BOATANCHORS Digest 1919

Topics covered in this issue include:

- 1) FS :More old European tube litterature  
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 2) ARRL Hints and Kinks - trades wanted  
by Mike Warren <m\_warren@compuserve.com>
- 3) 80 meter xtals wanted/trade 40 meter xtals  
by Mike Warren <m\_warren@compuserve.com>
- 4) free stuff  
by Mike Warren <m\_warren@compuserve.com>
- 5) FT: Collins Plug-in Adapter for HRO-60  
by deanbers@ix.netcom.com
- 6) WTB: Collins 310C-2  
by deanbers@ix.netcom.com
- 7) FT: Universal Services Product Detector for 75A-2 or3  
by deanbers@ix.netcom.com
- 8) T-784/GRC-109 questions  
by Stanley Wilson <microres@crl.com>
- 9) RE: Speaking of 6AK5s  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 10) Re: T-784/GRC-109 questions  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 11) Re: AWA OT CW Contest Rule Change?  
by polepeeg@aa4rm.radio.org (BA x-actions hr)
- 12) Re: Give away : Raytheon Radar Manual  
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 13) forsale of interest  
by Terry Burge <terrybu@netman.ENS.TEK.COM>
- 14) RE: Speaking of 6AK5s  
by Ed Sieb <esieb@gmsiworld.com>
- 15) Re: Speaking of 6AK5s  
by Al Klase <skywaves@bw.webex.net>
- 16) Re: Speaking of 6AK5s  
by John Shriver <jas@shiva.com>
- 17) Manuals  
by Jderm740@aol.com
- 18) Cap value for R48A speaker  
by jcreid@CCGATE.HAC.COM
- 19) Patterson PR-16 manual?

- by Eugene Rippen <soundval@foothill.net>
- 20) Leakage inductance  
by "Rhett T. George" <rtg@ee.duke.edu>
- 21) Sovtek Tubes  
by Charles Kadesch <chas@digizen.net>
- 22) Sovtek tubes  
by Scott Robinson <spr@earthlink.net>
- 23) FM splatter  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 24) Cyrillic on Boatanchors  
by Andre Guibert <aguibert@sympatico.ca>
- 25) I guess e-bay is not all bad...  
by Rodger Singley <rbsingl@rs6000.cmp.ilstu.edu>
- 26) TNT and Thordarson Transmitters  
by nielw@ix.netcom.com
- 27) Tube Tester - NRI Professional  
by Don <nichf@roanoke.infi.net>
- 28) Re: Sovtek tubes  
by "Arden Allen" <aallen@sirius.com>
- 29) Re: 80 meter xtals wanted  
by Ralph Parker <rparker@istar.ca>
- 30) Re: Sovtek tubes  
by John R Bookout K7JB <k7jb@ptld.uswest.net>
- 31) FW: FM splatter re R-55  
by Roger Dillon <rogerjd@gte.net>
- 32) Parts needed for Navy Model RB0-2  
by Keith Heitzmann <kk5fe@communique.net>
- 33) Re: Cyrillic on Boatanchors  
by rlahlum@juno.com (Ross J Lahlum)

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Date: Thu, 12 Feb 1998 11:34:24 +0100  
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: FS :More old European tube literature  
Message-ID: <199802121012.LAA16632@inet.uni2.dk>

Philips Pocket book : Electronic tubes, semiconductors, components mid  
1950s  
300 + pages .Asking 35 dlrs incl. postage/packing

Telefunken Rohren-Taschenbuch . 1958 400+ pages.  
Asking 40 dlrs shipped

Siemens Rohren fur Rundfunk und Fernsehen 1958/9 100 pages  
Asking 30 dlrs shipped

TrioTron Radio - Electronic Valve Pocketbook ( UK ) 250 pages  
Asking 30 dlrs shipped

Mullard Reference manual of transistor circuits ( UK ) 300 + pages  
Asking 40 dlrs shipped

-----  
Date: Thu, 12 Feb 1998 07:17:06 -0500  
From: Mike Warren <m\_warren@compuserve.com>  
To: BASWAPLIST <baswaplist@foothill.net>,  
ba-list <boatanchors@sco.theporch.com>  
Subject: ARRL Hints and Kinks - trades wanted  
Message-ID: <199802120717\_MC2-3305-AA54@compuserve.com>

Hello All,

I have extra copy of ARRL Hints and Kinks numbers 3 and 8.  
Would like to trade for numbers 4 and 7. =

Any takers?

Thanks,  
Mike - W5MAZ (in MN)

-----  
Date: Thu, 12 Feb 1998 07:20:44 -0500  
From: Mike Warren <m\_warren@compuserve.com>  
To: BASWAPLIST <baswaplist@foothill.net>  
Cc: ba-list <boatanchors@sco.theporch.com>  
Subject: 80 meter xtals wanted/trade 40 meter xtals  
Message-ID: <199802120721\_MC2-3305-AA90@compuserve.com>

Hello All,

Need some 80 meter rocks in the range 3500-3650 (for a Harvey Wells  
TBS-50).  
Have 40 meter rocks to trade - 7034, 7036, 7055, 7058, 7094, 7170, 7174,  
7201, 7265).

Thanks,

Mike - W5MAZ (in MN)

-----  
Date: Thu, 12 Feb 1998 07:33:07 -0500  
From: Mike Warren <m\_warren@compuserve.com>  
To: ba-list <boatanchors@sco.theporch.com>  
Subject: free stuff  
Message-ID: <199802120733\_MC2-3305-AB84@compuserve.com>

Hi Gang,

Got a few items I have no use for - free for postage:

1. Three 6V vibrators - Radiart 5331(2) and 5314(1)
2. Three Sprague Powerlytics - 25,000uf at 40VDC
3. WW-II vintage "Antenna Current Indicator" =  
    black, 2-1/2" dia., scale marked 0-10, cndx unknown.
4. CQ magazine - 7/56, 6/60, 8/61
5. QST magazine - 3/67, 8/73, 2/89
6. 73 magazine - 12/78
7. Drake TR-4 manual (copy)
8. Central Electronics 20A schematic
9. Lafayette HA-350 manual (copy)
10. AMECO Amateur Radio Theory Course book, 1974

Mike - W5MAZ (in MN)

-----  
Date: Thu, 12 Feb 1998 06:42:10 -0600 (CST)  
From: deanbers@ix.netcom.com  
To: boatanchors@theporch.com  
Cc: COLLINS@LISTSERV.TEMPE.GOV  
Subject: FT: Collins Plug-in Adapter for HRO-60  
Message-ID: <19982124415156334@>

I have for trade a Collins 353A-31. This is the plug in type mechanical filter adapter for a HRO-60. It is in like new condition.

I am looking for Collins items which I can use with my station such as:

AM filter for 75S-3C  
CW filter for 75S-3C  
Collins Mikes  
Other Accessories

????

If interested in a trading something let me know.

Thanks;  
Dean, K06IJ

-----  
Date: Thu, 12 Feb 1998 06:42:12 -0600 (CST)  
From: deanbers@ix.netcom.com  
To: boatanchors@theporch.com  
Cc: COLLINS@LISTSERV.TEMPE.GOV  
Subject: WTB: Collins 310C-2  
Message-ID: <199821243029541@>

WTB: Collins 310C-2

I have a use for a Collins 310C-2. This is the box which consists of the 70E-8 PTO and multiplier. If you have one sitting on the shelf collecting dust let me know price and condition. It would make a nice match for my THX restoration.

Thanks;  
Dean, K06IJ

-----  
Date: Thu, 12 Feb 1998 06:56:40 -0600 (CST)  
From: deanbers@ix.netcom.com  
To: boatanchors@theporch.com  
Cc: COLLINS@LISTSERV.TEMPE.GOV  
Subject: FT: Universal Services Product Detector for 75A-2 or 3  
Message-ID: <199821245613519169@>

I have for trade a Universal Services Model A2-3. This is the plug in type product detector for the Collins 75A-2 or 3. It is in VG, original condition.

I am looking for Collins items which I can use with my station such as:

AM filter for 75S-3C  
CW filter for 75S-3C  
Other Accessories  
????

If interested in a trading something let me know.

Thanks;  
Dean, K06IJ

-----  
Date: Thu, 12 Feb 1998 06:08:07 -0800 (PST)  
From: Stanley Wilson <microres@crl.com>  
To: boatanchors@theporch.com  
Subject: T-784/GRC-109 questions  
Message-ID: <Pine.SUN.3.91.980212060310.12562A-100000@crl.crl.com>

The unit uses a 6AC7 and a 2E26. Both cathodes have a 300 ohm or equivalent when the key is closed and has 10,000 ohms when key is open.

Does this transmitter have a back wave or feed through ? How does the keying sound ? Anyone know why the 10K ?

second question - should the osc be used as a doubler above 40 meters ? or what xtals were used for 22 mhz ?

Anyone used this unit with a VFO ?

thanks - de stan ak0b

-----  
Date: Thu, 12 Feb 1998 08:16:35 -0600 (CST)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: Ed Sieb <esieb@gmsiworld.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Speaking of 6AK5s  
Message-ID: <Pine.ULT.3.96.980212081558.18951B-100000@admin.aurora.edu>

On Wed, 11 Feb 1998, Ed Sieb wrote:

> Al Klase made an interesting point:  
> I suggested that there might exist a "12AK5" and he wondered if that was indeed so. I'll go check my "stock-pile" :-)) of tubes. Hmm...  
> I dunno... I'm pretty sure I've seen one or two around. I'll report back.

I find NO references to a 12AK5 in either my Sylvania or G.E. tube

manuals.

"Nostalgia is a thing of the past"  
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-5530

-----  
Date: Thu, 12 Feb 1998 08:34:42 -0600 (CST)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: Stanley Wilson <microres@crl.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: T-784/GRC-109 questions  
Message-ID: <Pine.ULT.3.96.980212082752.20024A-100000@admin.aurora.edu>

On Thu, 12 Feb 1998, Stanley Wilson wrote:

> The unit uses a 6AC7 and a 2E26. Both cathodes have a 300 ohm or  
> equivalent when the key is closed and has 10,000 ohms when key is open.  
> Does this transmitter have a back wave or feed through ? How does the  
> keying sound ? Anyone know why the 10K ?

I believe the 10K is part of the keying filter. Also, without some  
resistance to ground from the cathode, the cathode could float quite  
high in voltage and exceed the cathode-filament breakdown voltage  
rating.

I haven't had mine on the air yet so can't comment on the characteristics.

> second question - should the osc be used as a doubler above 40 meters ?  
> or what xtals were used for 22 mhz ?

I think you can go straight-thru as high as you want. Fundamental xtals  
are usually available up to around 20 MHz.

> Anyone used this unit with a VFO ?

I want to try this myself, probably using an old Heath VF-1. Looks  
like the hot lead of the vfo should go to the xtal socket pin that  
connects to pin 4 of the 6AC7, and then connect the grounds together.

"Nostalgia is a thing of the past"  
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-5530

-----  
Date: Thu, 12 Feb 1998 09:54:16 -0500  
From: polepeeg@aa4rm.radio.org (BA x-actions hr)  
To: arc5@ix.netcom.com  
Cc: boatanchors@theporch.com  
Subject: Re: AWA OT CW Contest Rule Change?  
Message-ID: <199802121454.JAA00446@aa4rm>

Dave:

I hear you on the 'grumpy old men.' But it doesn't apply completely.

I sympathize with the notion of resurrecting pre-ww2 things for the event.

The "Buck Rogers look" of 30s things is to me irresistable. But it's most evident that few TXs survive - so hence the necessity of building replicas.

It shud be noted that if the ww2 gate was "AWA OT cw test officially lifted," because of sheer numbers, that's all we'd hear.

In closing, I must note I've used a BC186/7/8 Forest Svc. expatriot baby in the '29 event even tho the contract says Dumont 1942. Wonder when that mule pack beauty went into 1st prod'n. Bet it was ~1929... it used 1st-print screen grid tubes like 865, #35, etc.

That BC186/7/8 & the even older Cardwell BC143 went into short prod'n at WW2's beginning only, I hear, because tooling existed.

Signed,

Old but seldom grump-ish.

16 contacts so far / Stancor 69 & HB p-p UX210 Hartley for TXs  
RME69 & FB7X for RXs

PS pse pardon the carbon to the whole reflector

-----  
Date: Thu, 12 Feb 1998 15:03:16 +0100  
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: Give away : Raytheon Radar Manual  
Message-ID: <199802121455.PAA18318@inet.uni2.dk>



I have a Manual for Mariners Pathfinder model 2502 which I will give away for postage.  
Heavy and thick.

73 Rag OZ8RO in Copenhagen

-----  
Date: Thu, 12 Feb 1998 08:12:49 PST  
From: Terry Burge <terrybu@netman.ENS.TEK.COM>  
To: boatanchors@theporch.COM  
Subject: forsale of interest  
Message-ID: <9802121612.AA28873@netman.ENS.TEK.COM>

Spotted this on rec.radio.swap and thought it might interest someone. Please, contact them, not me.

Terry

-----  
From: n3ab@fast.net (JRS)  
Subject: FS: Boatanchors  
Date: Thu, 12 Feb 1998 02:08:05 GMT  
Organization: FASTNET(tm) PA/NJ/DE Internet  
Lines: 28  
NNTP-Posting-Host: max11-30.ph1.fast.net  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
X-Newsreader: Forte Agent 1.5/32.451

Have the following for sale:

Ranger II transmitter. Looks decent. Was working when it was purchased from a local ham about a year ago. Have manual. \$250.00

National HRO-60 receiver. Looks good. Was working when purchased from a local ham about 2 years ago. Have manual copy and coils A, B, AC, and D. \$250.00

Heath Mohawk receiver. Front panel good. Cabinet was repainted with fairly close match of original paint. Again, this unit was working when purchased from a local ham about a year ago. Dial drum has some cracks, but it's not too bad. No manual. \$100.00

All of the above items came from a friend of mine who needed the room. Now, with 2 small kids running around who need spring and summer clothes for school, it's time for me to say goodbye to these items.

No shipping on these, but I am willing to meet half way (up to 100 miles) for delivery. I'm near Allentown, Pa.

Please e-mail if interested. Thanks!

John Schell    N3AB

n3ab@fast.net

-----  
Date: Thu, 12 Feb 1998 11:20:46 -0500  
From: Ed Sieb <esieb@gmsiworld.com>  
To: "'Bob Roehrig'" <broehrig@admin.aurora.edu>,  
    Ed Sieb  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Speaking of 6AK5s  
Message-ID: <01BD37A8.442746A0@dstephen.gmsiworld.com>

On Thursday, February 12, 1998, Bob Roehrig wrote:  
> I find NO references to a 12AK5 in either my Sylvania or G.E. tube  
> manuals.

OK,    I could be wrong then.    Wouldn't be the first time :-)

Mistaken-Ed

-----  
Date: Thu, 12 Feb 1998 11:50:33 -0500  
From: Al Klase <skywaves@bw.webex.net>  
To: broehrig@ADMIN.AURORA.EDU  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Speaking of 6AK5s  
Message-ID: <34E32859.9A3B037E@bw.webex.net>

To clarify:

I believe there was NEVER a 12AK5.    Better tubes were invented before

anyone saw a need for a 12-volt version. Lud "Tube Lore" Sibley concurs, but points out that there was a Western Electric 20-volt version known as the 403A.

73, Al

Bob Roehrig wrote:

>  
> On Wed, 11 Feb 1998, Ed Sieb wrote:  
>  
> > Al Klase made an interesting point:  
> > I suggested that there might exist a "12AK5" and he wondered if that was indeed so. I'll go check my "stock-pile" :-)) of tubes. Hmm...  
> > I dunno... I'm pretty sure I've seen one or two around. I'll report back.  
>  
> I find NO references to a 12AK5 in either my Sylvania or G.E. tube  
> manuals.  
>  
>

--

Al Klase - N3FRQ  
skywaves@bw.webex.net  
Flemington, NJ 08822  
Web Page: <http://www.webex.net/~skywaves/home.htm>

-----  
Date: Thu, 12 Feb 1998 12:22:14 -0500  
From: John Shriver <jas@shiva.com>  
To: skywaves@bw.webex.net  
Cc: boatanchors@theporch.com  
Subject: Re: Speaking of 6AK5s  
Message-ID: <199802121722.MAA15128@brill.shiva.com>

(Nit.) The 403A and 403B were the 6AK5. The 408A is the 20-volt version thereof.

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Date: Thu, 12 Feb 1998 12:59:00 EST  
From: Jderm740@aol.com  
To: boatanchors@theporch.com  
Subject: Manuals  
Message-ID: <e67d084d.34e33866@aol.com>

Hello All

My last post seems to have been lost in the foggyfoggycyberdoo so I'll repeat it.

I need a manual for a RCA WR-69 sweep generator. None of the manual sources seem to have one. RCA is kaput. Viz, their successor, ist also das kaputtin. What puzzles me is all these pieces of test equipment floating around but nary a set of instructions. What did these prior owners do? Just wing it?

Jack

-----  
Date: Thu, 12 Feb 98 09:37:59 PST8  
From: jcreid@CCGATE.HAC.COM  
To: boatanchors@sco.theporch.com  
Subject: Cap value for R48A speaker  
Message-ID: <9801128873.AA887306360@CCGATE.HAC.COM>

Hi Gang,

Just picked up a decent Hallicrafters R48A speaker from a fellow listmember. It's been slightly modified and I'd like to put it back to stock if I can. The NORMAL/VOICE switch has been removed along with the corresponding capacitor that gets switched in and out of the circuit. The slide switch I have(I think I even have a red one!), but I have no idea as to the value of the capacitor. Anyone know what this might be? Also anyone had any experience filling S-meter sized holes in perforated metal grills?? Thanks in advance.

-Jim N6SVS  
jcreid@ccgate.hac.com

-----  
Date: Thu, 12 Feb 1998 12:17:21 -0800  
From: Eugene Rippen <soundval@foothill.net>  
To: boatanchors@theporch.com  
Subject: Patterson PR-16 manual?  
Message-ID: <34E358D1.7B15@foothill.net>

I would like to BUY a manual, or good copy thereof, for a Patterson PR-16 Version C (has Pair of 42's in audio output).

Gene

Date: Thu, 12 Feb 1998 14:38:35 -0500  
From: "Rhett T. George" <rtg@ee.duke.edu>  
To: boatanchors@theporch.com  
Subject: Leakage inductance  
Message-ID: <199802121938.0AA19011@dsil11.ee.duke.edu>

- Greetings -

Bill Jarvis asked an interesting question about transformers that couple p-p 807's to something horsier. His question was "What is leakage inductance?" It is that inductance due to flux lines which encircle one winding or part of it but not the other in a transformer. It can be measured in the sum of primary and secondary, if not separately.

To measure leakage inductance, short the secondary and measure the primary inductance. That part of the flux lines due to the shorted secondary which do not couple to the primary plus that part of the flux lines due to the current in the primary which do not couple to the secondary are defined as the total leakage (perhaps a loose definition) and will be the inductance measured.

If the transformer has many turns on the primary and few on the secondary, the mutual inductance and the total leakage inductance will be higher on the primary side than when measured from the secondary side.

Hope this helps.

73 Rhett- KE4HIH

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Date: Thu, 12 Feb 1998 15:09:52 -0800  
From: Charles Kadesch <chas@digizen.net>  
To: boatanchors@theporch.com  
Subject: Sovtek Tubes  
Message-ID: <34E38140.1239@digizen.net>

Has anyone tried the Sovtek made tubes?. I need a 6BQ5 for a homebrew transmitter and notice the Sovtek is much more reasonable in price than the 6BQ5/EL84 - but I wonder about the relative quality. I also notice a big price spread on the 6L6, 5881, and larger transmitting tubes by Sovtek vs. other manufacturers. Is it a case of "you get what you pay for" or are they possibly a bargain in today's world of new tube pricing?  
-Thanks and 73 de Chas W3KC-

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Date: Thu, 12 Feb 1998 13:22:12 -0800  
From: Scott Robinson <spr@earthlink.net>  
To: boatanchors@theporch.com  
Subject: Sovtek tubes  
Message-ID: <34E36804.8BD765DF@earthlink.net>

Folks,

I have tried a few of them (6550) and they worked fine. Their reputation is good, as is Svetlana's. The Chinese brands have an indifferent reputation in the rumor mill.

What you need to go with them is a WWII military radio with markings in Cyrillic. Don't laugh, I've seen one, and I certainly did a double take. Must have been lend/lease stuff.

Regards,

--

Scott Robinson  
spr@earthlink.net

Junque is GOOD for you!

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Date: 12 Feb 1998 17:36:20 -0600  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
To: boatanchors@sco.theporch.com  
Subject: FM splatter  
Message-ID: <1998Feb12.173624-0600@spike.vuse.vanderbilt.edu>

I've recently been working on a Knight R-55 rx. (Has the boy lost his mind? Call it a labor of love....) I am resigned to the fact that it is a really crummy radio (not as good, IMHO, as an S-38 and the like). It has no rf amplification, antenna feeds right into the mixer, but does have 2 if stages.

I've tweaked and poked until it seems to operate as it was meant to, but the problem with this one is horrendous FM splatter. I occasionally get this on other rx's in some of the upper bands. With this one, it's everywhere, including the BC band, and it gets worse as you go up in frequency. Some regions of the dial seem to have junk every 100 kHz or so, usually in groups of three (same station, near as I can tell).

Not that I expect to get rid of it, but what causes the reception of

big-time FM stations where they don't belong, and are there any general strategies for avoiding it?

Resto note: In this rx, the wafer tube sockets have a little metal tower in the center that serves as a local ground. The ground had been compromised on every socket due to corrosion between the tower and the strip it was mounted on. Can you say "hummmm"?

73            A. B. Bonds

-----  
Date: Thu, 12 Feb 1998 19:15:58 -0500 (EST)  
From: Andre Guibert <aguibert@sympatico.ca>  
To: boatanchors@theporch.com  
Subject: Cyrillic on Boatanchors  
Message-ID: <199802130015.TAA16574@smtp13.bellglobal.com>

Hi(bonsoir)  
Scott you make me feel old old, I and a lot of postwar (WW2)kids that came face to face on WS19 Mk3 in every surplus stores with English/Cyrillic marking could only but fall for it if only for the price.  
For 19 dlrs you could have a brand new still in weather proof cover, a transceiver and for a another 9 dlrs, have a variometer, cables, JB and headphones.  
The WS 19 is still alive and well and used on the air by a few addicts.  
Andre  
PS You are right in assuming that it is a Lend Lease product, anybody would know of other Boatanchors with Cyrillic markings

-----  
Date: Thu, 12 Feb 1998 19:54:01 -0600  
From: Rodger Singley <rbsingl@rs6000.cmp.ilstu.edu>  
To: boatanchors@theporch.com  
Subject: I guess e-bay is not all bad...  
Message-ID: <199802130154.TAA258176@rs6000.cmp.ilstu.edu>

I don't wish to start any sort of thread on e-bay because that is definitely off topic however from a marketing prof's point of view it is possible to purchase some boat anchor repair equipment at good prices. I just picked up a Tektronix P6015 40KV 1000X probe along with case and accessories for \$98.00 which is far less than I have seen it offered for elsewhere. I think that this is probably because not many people care to own a probe like this. I too am amazed at the pricing on some (MOST) items. Not a place I would buy many boatanchors. In this case I was lucky to find a seller with lots of positive feedback and apparently a good attitude. Since the seller was also offering a 7A15 vertical amp I placed a bid for this at the same time. My bid \$55 was low by \$1 and the seller offered me his second 7A15 unit at the auction price if I wanted it-pretty nice behavior even by the standards of this list.

Bottom line-for more unusual/less desirable items the bidding process becomes less insane.

Rodger WQ9E

-----  
Date: Thu, 12 Feb 1998 20:35:47 -0600  
From: nielw@ix.netcom.com  
To: boatanchors@theporch.com  
Cc: nielw@ix.netcom.com  
Subject: TNT and Thordarson Transmitters  
Message-ID: <34E3B183.5F28@ix.netcom.com>

I've added TNT and Thordarson transmitter write-ups to Radio Bay at

<http://www.io.com/~nielw/index.htm>

The TNT transmitter uses two '10s or '45s in push-pull. It is a copy of one featured in the Nov 1930 issue of QST. Most recently I used it in the last AWA '29 CW contest.

The Thordarson transmitter is one that Vance, K5CF, restored. If you work him in the AWA OT CW contest, this is the one he's using (along with a NC-200).

73, Niel, WA5VLZ Rochester, MN

-----  
Date: Thu, 12 Feb 1998 22:42:16 -0800  
From: Don <nichf@roanoke.infi.net>



To: boatanchors@theporch.com  
Subject: Tube Tester - NRI Professional  
Message-ID: <34E3EB48.34B2@roanoke.infi.net>

I picked up a National Radio Institute Model 70 tube tester. It's in very nice condition (I do not believe it has been used much at all). Looked really neat - so I got it. It has a built-in roll chart, but I would really like to find a manual for it if somebody has one. Also, if anyone on the list knows more about this tester, I'd love to know more. Any help is greatly appreciated.

Don  
Roanoke, VA

-----  
Date: Thu, 12 Feb 1998 19:15:53 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: Sovtek tubes  
Message-ID: <199802130314.TAA05468@mail1.sirius.com>

Where does one find out about Sovtek tubes? Do they have a Web page? Who sells 'em?

Give your loved ones Gummy Bears.  
Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

-----  
Date: Thu, 12 Feb 1998 19:23:23 -0800  
From: Ralph Parker <rparker@istar.ca>  
To: boatanchors@theporch.com  
Subject: Re: 80 meter xtals wanted  
Message-ID: <3.0.5.16.19980212192323.2ae7430e@istar.ca>

Mike, W5MAZ wrote:  
>Need some 80 meter rocks in the range 3500-3650 (for a Harvey Wells  
>TBS-50).

Well, I have some 80 and 40 meter xtals, and I need a TBS-50 to put them in. Anyone have anything affordable?  
73, Ralph, VE7XF

-----  
Date: Thu, 12 Feb 1998 19:24:37 -0800  
From: John R Bookout K7JB <k7jb@ptld.uswest.net>

To: aallen@sirius.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Sovtek tubes  
Message-ID: <34E3BCF5.1CF0@ptld.uswest.net>

Arden Allen wrote:

>  
> Where does one find out about Sovtek tubes? Do they have a Web page? Who  
> sells 'em?  
>  
> Give your loved ones Gummy Bears.  
> Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

Subject:

Re: Sovtek Tubes

Date:

Thu, 12 Feb 1998 16:41:26 -0800

From:

Charles Kadesch <chas@digizen.net>

To:

John R Bookout K7JB

<k7jb@ptld.uswest.net>

References:

1 , 2

John R Bookout K7JB wrote:

>  
> I haven't heard of Sovtek before. Where have you  
> seen them advertized?  
>  
> Thanks John

Hi John: They are advertised FS by Antique  
Electronic Supply in  
their 1998 catalog (602-820-5411 or  
www.tubesandmore.com).  
-73 from Chas W3KC-

-----  
Date: Thu, 12 Feb 1998 19:48:53 -0600  
From: Roger Dillon <rogerjd@gte.net>  
To: "'boatanchor list'" <boatanchors@theporch.com>  
Subject: FW: FM splatter re R-55  
Message-ID: <01BD37EF.576CC720@1Cust140.tnt5.dfw5.da.uu.net>

>I've recently been working on a Knight R-55 rx. (Has the boy lost his  
>mind? Call it a labor of love....) ...  
>Resto note: In this rx, the wafer tube sockets have a little metal  
>tower in the center that serves as a local ground. The ground had  
>been compromised on every socket due to corrosion between the tower  
>and the strip it was mounted on. Can you say "hummmm"?

Thank you Mr Bonds....

I too have a R-55 which hummmmed so bad it was useless. Changing the  
electrolytic didn't help much either.  
Using your tip about the bad grounds, I jumpered each little tower to ground.  
Result? No more hum.  
Now I gotta align it.

Thanks again and 73  
Roger  
N5PGH

-----  
Date: Wed, 11 Feb 1998 01:45:24 -0600  
From: Keith Heitzmann <kk5fe@communique.net>  
To: boatanchors@theporch.com  
Subject: Parts needed for Navy Model RBO-2  
Message-ID: <3.0.3.32.19980211014524.0069cbc8@mail.communiquenet>

Hi all,

I am now the proud owner of an RBO-2 Navy receiver made by the E. H. Scott  
Radio Laboratories in the cabinet, complete with shock mounts. Its serial  
number is 12074 and the tag on the back says it was put in service in 12/45.

Now what I need to finish this radio (besides a lot of elbow grease) is the  
front bezel and pointer. I don't know how much of a shot in the dark this  
is, but if anyone has a parts unit I would like to buy this part (I would  
even take the whole front panel ).

Please email directly if you have such an animal.

Thanks in advance,

Keith KK5FE

-----

--- AMI# 837 ---

----- Visit my Vintage Radio Web Site -----

----- <http://www.communicue.net/~kk5fe> -----

Collector of tube radio's and vintage fishing equipment

-----

-----

Date: Fri, 13 Feb 1998 00:36:22 -0600

From: rlahlum@juno.com (Ross J Lahlum)

To: aguibert@sympatico.ca, boatanchors@theporch.com

Subject: Re: Cyrillic on Boatanchors

Message-ID: <19980213.003625.9070.2.rlahlum@juno.com>

I saw several cyrillic-lettered BA's at the recent Wheaton, IL hamfest. The seller was asking \*hundreds\* for them, & that's dollars, not rubles! AFAIK, he got to keep them...

Wonder if they were the same as Andre is referring to...

Na Strowie,

Ross KB9JJR

On Thu, 12 Feb 1998 19:15:58 -0500 (EST) Andre Guibert

<aguibert@sympatico.ca> writes:

>

> Hi(bonsoir)

> Scott you make me feel old old, I and a lot of postwar

> (WW2)kids that came face to face on WS19 Mk3 in every

> surplus stores with English/Cyrillic marking could

> only but fall for it if only for the price.

> For 19 dlrs you could have a brand new still in weather

> proof cover, a transceiver and for a another 9 dlrs,

>have a variometer, cables, JB and headphones.

> The WS 19 is still alive and well and used on the air

> by a few addicts.

> Andre

> PS You are right in assuming that it is a Lend Lease product,

> anybody would know of other Boatanchors with Cyrillic

> markings

>

-----  
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-----  
End of BOATANCHORS Digest 1919

\*\*\*\*\*

>From ???@??? Sat Feb 14 00:51:01 1998  
Message-Id: <199802140346.VAA19755@sco.theporch.com>  
Date: Fri, 13 Feb 1998 21:46:24 CST  
Subject: BOATANCHORS digest 1920

BOATANCHORS Digest 1920

Topics covered in this issue include:

- 1) An appeal...  
by Jeffrey Herman <jeffreyh@hawaii.edu>
- 2) Re: An appeal...  
by Henry van Cleef <vancleef@netcom.com>
- 3) Leon Wiltsey...  
by Ken Gordon <keng@uidaho.edu>
- 4) Re: An appeal...  
by Colin Thompson <burkec@goldstate.net>
- 5) R-1004 with a weird problem...  
by Ken Gordon <keng@uidaho.edu>
- 6) Re: R-1004 with a weird problem...  
by jackiv@juno.com (John M Iverson)
- 7) Discipline  
by "Arden Allen" <aallen@sirius.com>
- 8) Leon and the BA List  
by Bill Meara <wmeara@erols.com>
- 9) Re: R-1004 with a weird problem...  
by "Arden Allen" <aallen@sirius.com>
- 10) re: an appeal  
by Rodger Singley <rbsingl@rs6000.cmp.ilstu.edu>
- 11) Re: FM splatter  
by "P. J. Rovero" <provero@connix.com>
- 12) Re FM splatter  
by philip mccoey <dgnova@erols.com>
- 13) leakage inductance  
by philip mccoey <dgnova@erols.com>
- 14) Re: Sovtek tubes  
by "Arden Allen" <aallen@sirius.com>
- 15) RE: An appeal...  
by Ken Brookner <brooknerk@acm.org>
- 16) The list and the punishments  
by "Ronnie Hull" <w5sum@ms1.nwla.com>
- 17) re: An Appeal  
by "Mike O'Brien" <mobrien@lib.drury.edu>

- 18) SX-28 cabinet paint  
by Heinz und Hannelore Breuer <hbreuer@metronet.de>
- 19) De-Oxit...  
by Ken Gordon <keng@uidaho.edu>
- 20) Ranger I on 6 article  
by "David L. Thompson" <thompson@mindspring.com>
- 21) Drake TR-3 questions....  
by KG9IL@aol.com
- 22) Microlog AVR-2 Manual  
by Dexter Francis <cwest@xmission.com>
- 23) TCS-5 Help Requested  
by John Poulton <jp@cs.unc.edu>
- 24) FS-NC 300  
by "H. Dave meitzen" <dmeitzen@kwom.com>
- 25) Re: TCS-5 Help Requested  
by William Donzelli <william@ans.net>
- 26) Eimac 2-450A firebottle  
by "Lawrence R. Ware" <lrware@pipeline.com>
- 27) 6336 tubes  
by Scott Robinson <spr@earthlink.net>
- 28) 450TH Tubes Wanted  
by Sandra L Knepper <slkst29+@pitt.edu>
- 29) Re: 450TH Tubes Wanted  
by Ken Gordon <keng@uidaho.edu>
- 30) Mechanical filters.  
by Kevin Pease <hamradio@mm1001.theporch.com>

-----  
Date: Thu, 12 Feb 1998 20:38:16 -1000  
From: Jeffrey Herman <jeffreyh@hawaii.edu>  
To: Boatanchors List <boatanchors@sco.theporch.com>,  
Glowbugs List <glowbugs@www.atl.org>  
Subject: An appeal...  
Message-ID: <Pine.GS0.3.95q.980212202901.13615A-100000@uhunix5>

Our OT friend, Leon:

"Thank the good LORD for all that you have!!!  
69yr old semi disabled senior !!! trying to get code speed to 13wpm  
(stroke got my eyesight, balance & coordination) SO ONLY BA'S NO SOLID STATE  
Leon (Lee) Wiltsey 4600 Lake Haven blvd Sebring fl. 33872 KF4RCL  
TECK+"

sent me an email saying he'd been placed in the "dog house" (kicked off  
the list) for sending an off-topic post (the virus warning, I believe;

at least heart was in the right place - his intentions were good). I feel very sad about this, for I believe the BA/GB lists, and his rediscovered ham radio hobby, were very important in his recovery from his stroke. (He's become a homebrew fanatic!) Thus, I appeal to the listowners to please allow Leon back on again as soon as possible...

Thank-you for considering my request,  
Jeff KH2PZ / KH6

-----  
Date: Fri, 13 Feb 1998 00:25:33 -0700 (MST)  
From: Henry van Cleef <vancleef@netcom.com>  
To: jeffreyh@hawaii.edu  
Cc: boatanchors@theporch.com  
Subject: Re: An appeal...  
Message-ID: <199802130725.XAA02974@netcom9.netcom.com>

As Jeffrey Herman discourses

>  
> Our OT friend, Leon:  
>  
>  
> "Thank the good LORD for all that you have!!!  
> 69yr old semi disabled senior !!! trying to get code speed to 13wpm  
> (stroke got my eyesight, balance & coordination) SO ONLY BA'S NO SOLID STATE  
> Leon (Lee) Wiltsey 4600 Lake Haven blvd Sebring fl. 33872 KF4RCL  
> TECK+"  
>  
>  
> sent me an email saying he'd been placed in the "dog house" (kicked off  
> the list) for sending an off-topic post (the virus warning, I believe;  
> at least heart was in the right place - his intentions were good). I  
> feel very sad about this, for I believe the BA/GB lists, and his  
> rediscovered ham radio hobby, were very important in his recovery  
> from his stroke. (He's become a homebrew fanatic!) Thus, I appeal to  
> the listowners to please allow Leon back on again as soon as possible...  
>  
> Thank-you for considering my request,  
> Jeff KH2PZ / KH6  
>

I think that there's a point at which some slack needs to be cut, and I have very nearly responded to a couple of Jim Lockwood's insinuations that it be only amateur radio and vacuum tubes. Stan Griffiths has mentioned several times some concerns about answering questions about old scopes; a lot of Tek's very best were hybrid (lotsa semiconductors) and scopes aren't "amateur radio equipment." In

short, a few of us who used to answer lots of questions are not saying very much unless it's "vacuum tubes" and "amateur radio." This list didn't used to be like that. A TEK 575 is hybrid, not amateur radio equipment, and is a very useful gadget to have on the bench, although it doesn't do vacuum tubes at all.

Leon is not so many years my senior that I can call him "the old gentleman," without including myself in the same ranks. And I'll agree that I think that involvement in old equipment and this list are key ingredients in a course of recovery therapy from his stroke. Mebbe the virus warning was none too swift, but this list has endured far worse, and this is a fine point to suggest that a little slack-cutting is timely. I hope to see Leon back here soon.

--

=====  
Hank van Cleef  
=====

-----  
Date: Thu, 12 Feb 1998 23:37:08 -0800 (PST)  
From: Ken Gordon <keng@uidaho.edu>  
To: boatanchors@sco.theporch.com  
Subject: Leon Wiltsey...  
Message-ID: <Pine.BSF.3.95.980212233530.22860B-100000@piobaire.mines.uidaho.edu>

C'mon, Jack...

Please ?

Ken W7EKB

-----  
Date: Thu, 12 Feb 1998 23:43:14 -0800  
From: Colin Thompson <burkec@goldstate.net>  
To: jeffreyh@hawaii.edu  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: An appeal...  
Message-ID: <34E3F992.5598@goldstate.net>

Jack et all.,

A few months ago I was new to the list culture an fell victim to the



impotent virus warnings. At 39 I consider myself at my physical peak and in full command of my mental faculties (I think!?). The point is not to pity Lee but to have some understanding, as a newbie, Lee's condition not with standing. If this doesn't make sense, boot me off the list too, please! You all know some of my posts have put me close to the penalty box anyway, and they caused far more discontent than Lee's virus warning post. Thanks to the wonderful understanding folks on this list, even most of those who dissagreeded with my dissident posts became friends.

Best Regards to All,

Colin

-----  
Date: Thu, 12 Feb 1998 23:51:15 -0800 (PST)  
From: Ken Gordon <keng@uidaho.edu>  
To: boatanchors@sco.theporch.com  
Subject: R-1004 with a weird problem...  
Message-ID: <Pine.BSF.3.95.980212233719.22860C-1000000@piobaire.mines.uidaho.edu>

I have been working on an R-1004 for a fellow amateur, off and on for the past 6 to 8 months. This particular R-1004 is a real beauty in all respects but one. It tunes more smoothly, is more sensitive on all frequencies, is more quiet, and is nicer looking than any I have used or worked on in the past year or more.

BUT, it is horribly unstable. Tapping the case or moving it a bit causes the signal one is listening to to jump several kc up or down, usually completely out of the IF passband.

I have tracked the problem down to the main tuning capacitor. Although its frame and rotor are "grounded" at several points, if I connect the frame at the oscillator end to the chassis with a screwdriver or clip-lead, the rx jumps off frequency. However, if I do the same thing at the RF amplifier end, nothing much happens.

The cap is a three section variable of excellent design.

I have checked and tightened every "ground" connection in the vicinity of the tuning cap, but still have not eliminated the problem.

Has anyone here had a similar experience, and if so, what did you do to cure it?

I am completely baffled and at my absolute wits end. Any suggestions anyone might have would be gratefully accepted.

Ken W7EKB

-----  
Date: Fri, 13 Feb 1998 02:39:25 CST  
From: jackiv@juno.com (John M Iverson)  
To: keng@uidaho.edu  
Cc: boatanchors@theporch.com  
Subject: Re: R-1004 with a weird problem...  
Message-ID: <19980213.024259.3470.0.jackiv@juno.com>

A possible and probable cause for this is dirty wipers on the tuning capacitor. My fix to this has been an application of de-oxit to the wipers rotate the tuning several time to clean the surfaces and it should go away. 73 jack  
Jack Iverson K0EWU jackiv@juno.com

On Thu, 12 Feb 1998 23:51:15 -0800 (PST) Ken Gordon <keng@uidaho.edu> writes:  
>I have been working on an R-1004 for a fellow amateur, off and on for  
>the past 6 to 8 months. This particular R-1004 is a real beauty in  
>all  
>respects but one. It tunes more smoothly, is more sensitive on all  
>frequencies, is more quiet, and is nicer looking than any I have used  
>or  
>worked on in the past year or more.  
>  
>BUT, it is horribly unstable. Tapping the case or moving it a bit  
>causes  
>the signal one is listening to to jump several kc up or down, usually  
>completely out of the IF passband.  
>  
>I have tracked the problem down to the main tuning capacitor. Although  
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>frame  
>at the oscillator end to the chassis with a screwdriver or clip-lead,  
>the  
>rx jumps off frequency. However, if I do the same thing at the RF  
>amplifier end, nothing much happens.  
>  
>The cap is a three section variable of excellent design.  
>  
>I have checked and tightened every "ground" connection in the vicinity  
>of  
>the tuning cap, but still have not eliminated the problem.

>  
>Has anyone here had a similar experience, and if so, what did you do  
>to  
>cure it?  
>  
>I am completely baffled and at my absolute wits end. Any suggestions  
>anyone might have would be gratefully accepted.  
>  
>Ken W7EKB  
>  
>

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Date: Fri, 13 Feb 1998 02:23:15 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Discipline  
Message-ID: <199802131022.CAA29174@mail1.sirius.com>

I'm not taking sides in any of the disciplinary proceedings that may be going on but this is my view on the subject of posting complaints: I don't think it is good form to take someone to task by making a posting. The \*group\* does not cause problems, \*individuals\* do. So, please, if you have a gripe about someones's doings, take it up with that person via private e-mail. Thankyou.

Give your loved ones Gummy Bears.  
Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

---

Date: Fri, 13 Feb 1998 11:09:42 -0400  
From: Bill Meara <wmeara@erols.com>  
To: boatanchors@theporch.com  
Subject: Leon and the BA List  
Message-ID: <199802131115.GAA11124@smtp1.erols.com>

At 12:25 AM 2/13/98 -0700, Henry wrote:

>I think that there's a point at which some slack needs to be cut, and  
>I have very nearly responded to a couple of Jim Lockwood's insisistences

>that it be only amateur radio and vacuum tubes.... In  
>short, a few of us who used to answer lots of questions are not saying  
>very much unless it's "vacuum tubes" and "amateur radio." This list  
>didn't used to be like that.

When I joined the list several years ago, this paragraph appeared in the welcome message:

>1. This mailing list is devoted to the discussion of vintage  
>communications equipment, which we fondly refer to as "Boatanchors,"  
>and to closely related subjects. The central theme is vintage amateur  
>radio equipment using vacuum tube (firebottle) technology, but we  
>have been known to drift into discussions of such things as  
>entertainment boatanchors, early tuned fgeeder antennas, telegraph  
>keys, classic electronic/radio books and radio history.

I thought it was fairly broad charter. The inclusion of "radio history" was particularly useful. Lately, however, the list's management has, I think, changed this charter and has grown increasingly dogmatic and dictatorial about what can be discussed on here. Note the acknowledgement that occassionally "we" drift away from the central theme. Now it seems like "we" are put in the "penalty box" if we do this. The list's atmosphere has changed.

When I first joined the list, I was very impressed by the friendly, cooperative spirit of the group. Sadly, I don't get that feeling anymore. More often than not I have to cringe as I see another threatening "READ THIS OR SUFFER THE CONSEQUENCES!" message.

I really hope the list can get back on track. Like poor Leon, for me the list used to be a bright spot in my day.

I want to point out that the 20 dollar fee charged by the list owner makes this particular list very vulnerable to rapid depopulation. There are now totally free alternatives out there. I suggest that those who are putting list members in penalty boxes and sending out nasty-grams to the list remember that, or the list (all of us) will "SUFFER THE CONSEQUENCES."

73 de N2CQR

Bill Meara, Falls Church, Virginia

wmeara@erols.com G-QRP #7965

<http://www.mindspring.com/~johnmb/billm.htm>

-----  
Date: Fri, 13 Feb 1998 03:25:48 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>

Subject: Re: R-1004 with a weird problem...  
Message-ID: <199802131124.DAA00485@mail1.sirius.com>

Ken has a challenge:

> I have been working on an R-1004 for a fellow amateur, off and on for  
> the past 6 to 8 months. This particular R-1004 is a real beauty in all  
> respects but one. It tunes more smoothly, is more sensitive on all  
> frequencies, is more quiet, and is nicer looking than any I have used or  
> worked on in the past year or more.

That's nice.

> BUT, it is horribly unstable. Tapping the case or moving it a bit causes  
> the signal one is listening to to jump several kc up or down, usually  
> completely out of the IF passband.

That's NOT nice.

> I have tracked the problem down to the main tuning capacitor. Although  
its  
> frame and rotor are "grounded" at several points, if I connect the frame  
> at the oscillator end to the chassis with a screwdriver or clip-lead, the  
> rx jumps off frequency. However, if I do the same thing at the RF  
> amplifier end, nothing much happens.

This is an excellent example of the \*true RF circuit\*. The inductance inherent in any path of current flow affects the resonant frequency of a tank circuit. The current does not flow in a straight line between two points. Think of current flow in a chassis like the alignment of iron filings on a piece of paper with a magnet on the other side.

> The cap is a three section variable of excellent design.

As long as the capacitor's rotor wipers are well connected to the frame and the contact surfaces are free of corrosion and properly lubricated the \*current paths\* should remain stable.

> I have checked and tightened every "ground" connection in the vicinity of  
> the tuning cap, but still have not eliminated the problem.

You are overlooking an intermittent connection which is activated by the minute flexing of the chassis and components.

> Has anyone here had a similar experience, and if so, what did you do to  
> cure it?

You may not immediately discover the exact cause but you can isolate it by

adding current paths until the offending intermittent is shunted out of the circuit. When you grounded the capacitor frame you saw a frequency change, did it also affect the degree to which the frequency jumps?

> I am completely baffled and at my absolute wits end. Any suggestions  
> anyone might have would be gratefully accepted.

Tubes can also cause this kind of problem as the elements writhe under the effects of heat.

The devil is in the details. Stick with it.

Give your loved ones Gummy Bears.

Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

-----  
Date: Fri, 13 Feb 1998 07:33:25 -0600  
From: Rodger Singley <rbsingl@rs6000.cmp.ilstu.edu>  
To: boatanchors@theporch.com  
Subject: re: an appeal  
Message-ID: <199802131333.HAA107946@rs6000.cmp.ilstu.edu>

As a conservative Republican who grew up in the deep south I am about as "law and order" positive as they come. However, I think that some are getting overzealous in protecting the list. Leon made a mistake, he certainly had good and not evil intent. I would hope that the normally positive culture of this list does not continue to penalize people for making a well intentioned mistake. And when I see a post from list member Van Cleef (who would win the award for the most interesting and educational posts if the list had such an award) concerned about posting THERE IS A PROBLEM. I own a number of Tektronix products both including classic almost all tube series (514AD, 533, 556) and the SS 7000 series (7704A and 7623) and these are indispensable in the repair/cal of my large and growing collection of BA's. Both Hank and Stan have been very helpful in the repair and use of these BA fellow travelers. The BA list is not just about BA use and repair but about the friendship among a community of people brought together by this topic. So we should continue to act like friends with tolerance and understanding for mistakes but not for ill intent. Jack does a wonderful job of running this list, putting Leon in the doghouse for his mistake in my opinion was a mistake but I certainly think Jack is a wonderful and dedicated BA enthusiast even if some of the list disagrees with his practices from time to time. And Jack, if you read this please take this as a disagreement with a single action and not with you or the level of professionalism you strive to maintain on BA. Soapbox mode=OFF

Regards,

Rodger WQ9E

-----  
Date: Fri, 13 Feb 1998 08:52:17 -0500 (EST)  
From: "P. J. Rovero" <provero@connix.com>  
To: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: FM splatter  
Message-ID: <Pine.BSI.3.95.980213084829.25071A-100000@comet.connix.com>

This comes up with R-392s also.

Key is keeping VHF/UHF energy out of the front end of the receiver.  
A cheap low pass filter (even the itty bitty CB ones) will keep  
99% of the stuff out.

If the station is *\*really\** close, like you are in the near field  
of the antenna, then the VHF/UHF stuff could be on the power lines,  
speaker/headphone leads, and antenna. Then you have to resort  
to filtering/bypassing for power/audio leads and go to a tuned  
trap in the antenna lead-in.

P. J. "Josh" Rovero	email: provero@connix.com
Oceanographer	work: rovero@sonalysts.com
Meteorologist	radio: KK1D
Curmudgeon at Large	web: <a href="http://www.connix.com/~provero/">http://www.connix.com/~provero/</a>

-----  
Date: Fri, 13 Feb 98 11:01:51 -0800  
From: philip mccoey <dgnova@erols.com>  
To: boatanchors@sco.theporch.com  
Subject: Re FM splatter  
Message-ID: <199802131600.LAA09552@smtp2.erols.com>

FM splatter is caused by harmonics of the oscillator, and  
harmonics generated by the mixing process, beating with  
FM and TV stations. Non vacuum tube radios are very prone  
to this problem.

Try shielding the mixer and oscillator sections with tin foil, if this is possible.

Disconnect the antenna, and see if FM signals enter through the antenna. If they do, you might try a low pass filter.

If you don't mind changing the radio, you might try reducing the local oscillator voltage.

-----  
Date: Fri, 13 Feb 98 11:08:04 -0800  
From: philip mccoy <dgnova@erols.com>  
To: boatanchors@sco.theporch.com  
Subject: leakage inductance  
Message-ID: <199802131616.LAA20242@smtp3.erols.com>

I believe leakage inductance is equal to  $(1-k)$   
where:

$$k = m / (\text{square root of } (L1 * L2) )$$

k is coupling factor on two coils close together

m is mutual inductance

L1 and L2 are inductances of coil L1 and L2

My memory is not too good and you should check this, before accepting it.

Philip McCoy dgnova@erols.com

-----  
Date: Fri, 13 Feb 1998 08:33:29 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: Sovtek tubes  
Message-ID: <199802131632.IAA17621@mail2.sirius.com>

Thanks to all for the info and link. I discovered also that



<www.sovtek.com> defaults to New Sensor's page. Prices seem reasonable.

Give your loved ones Gummy Bears.

Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

-----  
Date: Fri, 13 Feb 1998 08:34:34 -0800  
From: Ken Brookner <brooknerk@acm.org>  
To: "'Old Tube Radios'" <boatanchors@theporch.com>  
Subject: RE: An appeal...  
Message-ID: <01BD385A.37061700@brooknerk@acm.org>

i also believe that the list is now too restrictive. i'm on quite a few mailing lists and for sure, i'm not interested in or even read all the stuff that comes down. i just skip over or delete the message. no big deal.

i've been reading this list for quite a few years and contributing when i can. i've gotten some great tips and made a few friends along the way. thanks everyone! but i'm afraid to post these days. someone might think my question doesn't belong here, complain to jack, and boom! i'm in the "box." these list humiliations are becoming too frequent.

another post mentioned the list as a community, and i couldn't agree more. we're not all going to be interested in sweep tube discussions, or sx-28 restorations (i am, though). skip 'em. the diversity of experience and interest is what makes this list a good one. bandwidth is cheap these days.

i'm here for enjoyment. this is a hobby. i'm not here to be put in the "box," whapped across the knuckles, or to have to apply a ten-point test every time i need help from the list. perhaps the membership should consider revisiting the charter.

i've admined large unix systems before. i've admined in-house lists before. it can be a thankless task and my hat is certainly off to jack for doing a great job keeping the list running. i'm just thinking that we should come to a new consensus on what this list should allow. i think it's too restrictive. no one should have to spend five minutes wondering if their post is going to be relevant.

my .02...

kenb  
N5LPI

Ken Brookner  
brooknerk@acm.org  
kenb@qatrix.panther.net

-----  
Date: Fri, 13 Feb 1998 11:10:08 +0000  
From: "Ronnie Hull" <w5sum@ms1.nwla.com>  
To: boatanchors@theporch.com  
Subject: The list and the punishments  
Message-ID: <199802131721.LAA31177@ms1.nwla.com>

I too, hold my breath now, each and everytime I post anything.

not much fun anymore

R

-----  
Date: Fri, 13 Feb 1998 11:35:07 -0600 (CST)  
From: "Mike O'Brien" <mobrien@lib.drury.edu>  
To: boatanchors@theporch.com  
Subject: re: An Appeal  
Message-ID: <Pine.A32.3.96.980213111809.50134A-100000@lib.drury.edu>

I truly appreciate the hard work and headaches endured by Jack in administering the Boatanchors reflector.

However, I don't enjoy reading BA as much as I did a year or two ago. And I've grown downright fearful of contributing to it.

I vote we do *\*whatever\** is necessary to encourage Hank Van Cleef to again regularly dispense his sorely-missed gems of wisdom. He is a treasure!

And I'd like to see us treated, every now and then, to a bit of nostalgic whimsy and humor again. This is a hobby, and fun should be allowed, provided that reasonable bandwidth and taste considerations are observed.

Mike, KOMYW

Date: Fri, 13 Feb 1998 20:30:07 +0100  
From: Heinz und Hannelore Breuer <hbreuer@metronet.de>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: SX-28 cabinet paint  
Message-ID: <34E49F3F.4E6A@metronet.de>

Hi,

I got a SX-28 and wonder if the cabinet paint is original.  
My cabinet is in a non-wrinkle medium grey. I also have a  
SX-24 and a SX-25 and the paint is very different there.  
73  
Heinz - KF6FNC

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Date: Fri, 13 Feb 1998 12:04:57 -0800 (PST)  
From: Ken Gordon <keng@uidaho.edu>  
To: boatanchors@sco.theporch.com  
Subject: De-Oxit...  
Message-ID: <Pine.BSF.3.95.980213115453.777A-100000@piobaire.mines.uidaho.edu>

Where can one get this stuff without paying an arm and a leg for it?

I see that TechniTools has it in various formulations ranging from \$8.95  
for the 5% stuff to \$21.95.

Ken W7EKB

-----  
Date: Fri, 13 Feb 1998 15:11:08 -0500 (EST)  
From: "David L. Thompson" <thompson@mindspring.com>  
To: boatanchors@theporch.com  
Subject: Ranger I on 6 article  
Message-ID: <1.5.4.16.19980213031156.267fcabc@pop.mindspring.com>

In looking through my old magazines I found the popular conversion article  
on converting the Ranger I to 6 meters (Ranger II already has 6).

The article is in CQ August 1967 and starts on page 79.

Looking for all the Rangers on 50.4 AM

Dave K4JRB

-----  
Date: Fri, 13 Feb 1998 16:40:19 EST  
From: KG9IL@aol.com  
To: boatanchors@theporch.com  
Subject: Drake TR-3 questions....  
Message-ID: <aacbd1f8.34e4bdc5@aol.com>

hello gang,

I just obtained two TR-3's that I am planning to restore into at least one usable rig...

Question 1....My MS-3 spk/ps combo does not have a "MS-3" logo on the grill like my MS-4 does....is this missing or normal...I can't see any signs of one being there....

Question 2.....One of my front panels has a hole to the right of the "TR-3" lettering beneath the VFO.... the curious thing is that the other one has what appears to be a center mark for such a hole.....factory mod??? any thoughts????

THANKS.....Kevin KG9IL

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Date: Fri, 13 Feb 1998 15:29:02 -0700  
From: Dexter Francis <cwest@xmission.com>  
To: boatanchors@theporch.com  
Subject: Microlog AVR-2 Manual  
Message-ID: <34E4C92D.318F@xmission.com>

Greetings all -

Last year I sold the actual Microlog AVR-2 to someone on this list, who lived in Aridzona, I believe. Well, I came across the manual for it today and would love to send to to you if you'll remind me who you are!

-df

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Need to Buy or Sell Tubes, Parts or BA Gear?  
Visit our Web site at <http://www.xmission.com/~cwest/>  
e-mail to: [tubes@usa.net](mailto:tubes@usa.net) -or- [cwest@xmission.com](mailto:cwest@xmission.com)  
P.O. Box 22443, Salt Lake City, Utah 84122

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Date: Fri, 13 Feb 1998 17:39:47 -0500 (EST)  
From: John Poulton <jp@cs.unc.edu>  
To: boatanchors@theporch.com  
Subject: TCS-5 Help Requested  
Message-ID: <199802132239.RAA25008@mira.cs.unc.edu>

At the Elkin (NC) hamfest last weekend, happened across a little item that caught my eye, and, after the ritual exchange of dollars, it landed with a decided 'thunk' in the back of my car--a Collins transmitter, half of a Navy TCS-5 pair. It's CW/MCW, about 30 watts out on CW (must be very conservative) from a pair of 1625's modulated by a pair of 1625's. Also got a strange little antenna tuner that appeared to go with it, though it's from a TCS-12.

OK, I bought it because it was... er.. cute. No other word for it. But, upon opening it up, was delighted to discover one of the most beautiful examples of WWII-era electronic construction I've ever seen--definitely a keeper!

So, can anyone point me to a source of information about these units? Where would one go to find a manual? Are the matching receivers common or hard to come by?

Also need a couple of parts to replace the (missing) knob and gears for the rotary inductor and its turns counter (I have the counter ring and one planetary(?) gear). Anyone got a junker?

Finally, is it possible to find the mating connector for the multi-pin power plug on the front panel?

Thanks much, and 73  
John Poulton KF40ZY

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Date: Fri, 13 Feb 1998 17:32:26 -0500  
From: "H. Dave meitzen" <dmeitzen@kwom.com>  
To: boatanchors@theporch.com  
Subject: FS-NC 300  
Message-ID: <34E4C9FA.7F86@kwom.com>

I have a NC 300 in excellent condition. The unit includes the Xtal cal. The front panel is perfect. The cab. has some minor scratches (not many). The unit has been aligned and works great. \$280 plus shipping. If you don't like it you can return it for refund.  
Best Regards to the BA group.

Dave AA9TT

-----  
Date: Fri, 13 Feb 1998 20:06:26 -0500 (EST)  
From: William Donzelli <william@ans.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: TCS-5 Help Requested  
Message-ID: <Pine.GS0.3.96.980213200420.5142A-1000000@titan.purch.ans.net>

> But, upon opening it up, was delighted to discover one of the most  
> beautiful examples of WWII-era electronic construction I've ever seen--  
> definitely a keeper!

Just wait until you see some of the big stuff - it gets better!

William Donzelli  
william@ans.net

-----  
Date: Fri, 13 Feb 1998 20:25:45 +0000  
From: "Lawrence R. Ware" <lrware@pipeline.com>  
To: boatanchors@sco.theporch.com  
Subject: Eimac 2-450A firebottle  
Message-ID: <3.0.5.32.19980213202545.0081e700@pop.pipeline.com>

Today I came into possession of what appears to be a brand new  
2-450A transmitting tube. \*BIG momma\*  
I was hunting display duds for my collection when this thing  
jumped into my lap for the princely sum of \$20. :-)  
Since a tube like this should have a real home where it gets a chance  
to push electrons around, I will entertain swap offers for it:

If you want/need/lust for it:

- 1) Tell me what it fits.
- 2) Tell me where I can locate specs for it.
- 3) Tell me how we are going to arrange a swap for your used or dud  
2-450A.

Rules of Ware apply!

-Larry

# Collector of old radios and electronic test equipment,  
# Electronics related books, manuals and periodicals,

# and Pre-Paid phone cards.  
# I buy a lot, sell a little, and trade for all of the above.  
# e-mail: lrware@pipeline.com

-----  
Date: Fri, 13 Feb 1998 17:50:49 -0800  
From: Scott Robinson <spr@earthlink.net>  
To: boatanchors@theporch.com  
Subject: 6336 tubes  
Message-ID: <34E4F879.F7097F90@earthlink.net>

Don wrote:

I have a pair of CETRON 6336A's They are BIG glass envelope octal base tubes that look like they have dual trides with CARBON plates inside. Heavy duty or what. What are these things for???

and Scott sez:

A 6336 is rather like two 6080 (premium 6AS7) tubes stuffed into one bottle. Heater takes 5 amps at 6 V and plates will dissipate 30 watts EACH! They were used as pass elements in regulated DC supplies, and sometimes for audio power amps...so long as the driving circuitry didn't mind 200 v PP grid drive each side for class A. Do you want to part with them? I am compelled by an excess of honesty to warn you that Antique charges \$53 a copy for NOS.

Regards,

--  
Scott Robinson  
spr@earthlink.net

Junque is GOOD for you!

-----  
Date: Fri, 13 Feb 1998 21:45:11 -0500 (EST)  
From: Sandra L Knepper <slkst29+@pitt.edu>  
To: boatanchors@theporch.com  
Subject: 450TH Tubes Wanted  
Message-ID: <Pine.GS0.3.96L.980213214410.26589D-100000@unixs4.cis.pitt.edu>

Does anyone have a pair of these tubes in new or like new condition?

Thank you.

Dave, W3BJZ

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Date: Fri, 13 Feb 1998 19:21:14 -0800 (PST)  
From: Ken Gordon <keng@uidaho.edu>  
To: Sandra L Knepper <slkst29+@pitt.edu>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 450TH Tubes Wanted  
Message-ID: <Pine.BSF.3.95.980213192010.6062D-1000000@piobaire.mines.uidaho.edu>

>  
> Does anyone have a pair of these tubes in new or like new condition?  
>

Dave, the Wilcox 96 series used a pair of these big mommas. I am very curious to know what kind of rig you are going to use these in.

Ken W7EKB

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Date: Fri, 13 Feb 1998 20:31:26 -0600 (CST)  
From: Kevin Pease <hamradio@mm1001.theporch.com>  
To: boatanchors mailing list <theporch.com!boatanchors@mm1001.theporch.com>  
Subject: Mechanical filters.  
Message-ID: <Pine.LNX.3.95.980213202919.16953B-1000000@mm1001.theporch.com>

I am looking for a 2 KC mechanical filter for a R-390A. I thought I had one but it turns out that I have 2 4KC filters.

Can trade other filters.

Also looking for 500-1000 kc filter 455KHZ for CW use. The one that I have is kaput. It is the metal type and looks like the 7%S series plugin filter.

Kevin Pease  
WB0JZG



Mount Juliet, TN.

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End of BOATANCHORS Digest 1920

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